Sheet _1_ of _1 ATTY. DOCKET NO. SERIAL NUMBER PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE 003493.00087 09/616,884 PATENT AND TRADEMARK OFFICE **APPLICANT** INFORMATION DISCLOSURE STATEMENT Jin-Meng HO et al. BY APPLICANT FILING DATE **GROUP ART UNIT** July 14, 2000 2665-266 U **U.S. PATENT DOCUMENTS EXAMINER** DOCUMENT **SUB FILING** NUMBER INITIAL DATE CLASS NAME **CLASS** DATE 6,049,549 4/11/2000 Ganz et al. SMS FOREIGN PATENT DOCUMENTS TRANSLATION YES/NO **EXAMINER** DOCUMENT SUB INITIAL NUMBER DATE COUNTRY **CLASS CLASS** RECEIVED C\$55M5 WO 00/31929 6/2/2000 **PCT** AUG 0 9 2002 C. S.S SMS EP 0 853 407 A2 7/15/1998 ΕP Technology Center 2600 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) N. Ek, "IEEE 802.1 P,Q - QoS on the MAC level," 24 April 1999, XP000864158 Retrieved from the Internet: URL:Http://www.tml.hut.fi/0pinnot/Tik-110.551/1999/papers/081EEE802.1QosInMac/qos.html retrieved 6/27/2002, paragraphs 0003 - 0006 Y. Drabu, "A survey of QoS techniques in 802.11", Internet 'Online! January 1999, XP000864159, Retrieved from the Internet: URL:http://trident.mcs.kent.edu/{ydrabu/research/wmac/mac.pdf, retrieved on 6/27/2002, paragraphs 0001 - 03.21, 0004 - 4.2.1

[8/4/02] **EXAMINER** DATE CONSIDERED

EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.

Ids w/1449 form filed: August 8, 2002

PTO/SB/08a (05-03)

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003493.00087

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Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

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Application Number	09/616,884	
Filing Date	July 14, 2000	
First Named Inventor	Jin-Meng Ho et al.	APR 0 2 2004
Art Unit	2665 2664	
Evaminar Nama	Hint-Diny Vit- Cither	Technology Center (

	T	Document Number	U.S. PATENT	Name of Patentee or Applicant of	1
Examiner Initials *	Cite No.1	Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear
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		Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
Examiner Initials*	Cite No. ¹	Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶
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Examiner Signature	hors		Date Considered	10/6/04	

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Sheet

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Application Number	09/616,884	
Filing Date	July 14, 2000	
First Named Inventor	Jin-Meng Ho et al.	
Art Unit	-2665 5664	
Examiner Name	Huy Duy Vu Sugu. C	
Attorney Docket Number	003493.00087	

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Examin Initials		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
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		US- 5,717,688	02-10-1998	Belanger et al.	
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Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant			
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T ⁶		
0.5.5		JP 02072736 A	08-1990	Kurokawa, Takatsugu				
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of 3

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Application Number

09/616,884

Filing Date

July 14, 2000

First Named Inventor

Jin-Meng Ho et al.

Art Unit

Examiner Name

Huy Duy Vu SHAM. ©

Attorney Docket Number

003493.00087

7			U.S. PATENT	OCUMENTS	
Examiner Initials *	Cite No.1	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
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<u> </u>		US- 6,515,972	02-04-2003	Gage et al.	
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	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant			
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of 3

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Application Number 09/616,884

Filing Date July 14, 2000

First Named Inventor Jin-Meng Ho et al.

Group Art Unit -2665 2664

Examiner Name Huy Duy Vu- SMAU. C

Attorney Docket Number 003493.00087

Cite Initials * Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Aad, Imat & Castelluccia, Claude, *Introducing Service Differentiation into IEEE 802.11*, IEEE, 2000, pages 438-443. Ganz, Aura & Wongthavarawat, Kitti, *IEEE 802.11* Wireless LAN Association Procedure for Multimedia Applications*, IEEE, 1999, pages 1287-1291. Ho, Jin-Meng & Lin, Wei, *IEEE P802.11* Wireless LANs, MediaPlex-An IEEE 802.11* Enhanced Protocol for QoS-Driven Wireless LANs*, AT&T, November 2000, pages 1-25. Gong, Zhijun et al., *QoS Guaranteed Wireless LAN* International Conference on Communication Technology, ICCT, October 22-24, 1998. Cali, F. et al., *IEEE 802.11* Wireless LAN* Capacity Analysis and protocol Enhancement, IEEE 1998. Deng, Dr-Jiunn & Chang, Ruay-Shiung, *A Priority Scheme for IEEE 802.11* DCF Access Method*, IEICE Trans. Commun., Vol. E82-B, No. 1, January 1999. RECEIVED APR 0 1 2004 Technology Center 260			
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Commun., Vol. E82-B, No. 1, January 1999. RECEIVED APR 0 1 2004		Cali, F. et al., "IEEE 802.11 Wireless LAN: Capacity Analysis and protocol Enhancement, IEEE 1998.	
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1	Application
INFORMATION DISCLOSURE	Filing Date
STATEMENT BY APPLICANT	First Name
	Art Unit

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known					
09/616,884					
July 14, 2000					
Jin-Meng Ho	****				
2665 2664					
Huy Duy Vu					
003493.00087					
	09/616,884 July 14, 2000 Jin-Meng Ho 2665 2664 Huy Duy Vu				

			U.S. PATENT	DOCUMENTS		
Examiner Initials *	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant	
	No.1	Number - Kind Code ² (if known)			Passages or Relevant Figures Appear	
s.s.sms	9 K	US-5,623,495	04-22-1997	Eng et al.		
<u> </u>		US- 5,982,748	11-09-1999	Yin et al.		
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	FOREIGN PATENT DOCUMENTS							
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Examiner Signature	Shart M. Shehi	Date Considered 9/16/04

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Substitute for form 1449B/PTO Complete if Known Application Number 09/616,884 INFORMATION DISCLOSURE Filing Date July 14, 2000 STATEMENT BY APPLICANT First Named Inventor Jin-Meng Ho Art Unit 2665- 2664 (Use as many sheets as necessary) Examiner Name - SHAW Huy Duy Vu Sheet Attorney Docket Number 003943.00087

		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
SM5 0.5.5	OK	Gong, Ahijun et al., "QoS Guaranteed Wireless LAN", International Conference on Communication Technology (ICCT '98), October 22-24, 1998, Beijing, China.			
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